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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

State Capitol
HELENA, MONTANA

VOLUME I, No. 2 SEPTEMBER, 1953

Production of crude oil and condensate from the 47 oil and gas areas of Montana for the month of July, 1953, averaged 34,117 barrels daily, an increase of 1,614 barrels from the average June production of 32,503 barrels daily.

The 9 refineries in the State processed 56,426 barrels of crude oil daily, a decrease of 4,682 barrels daily from the 61,108 barrels processed daily during the month of June, 1953.

During July, 42 wells were completed, 18 oil, 3 gas wells and 21 dry holes.

During July, the Commission issued 56 permits to drill new wells, an increase of 14 from the 42 permits issued during June.

All information is compiled from reports submitted to the Montana Oil and Gas Conservation Commission by companies operating in the State.

A. B. GILLESPIE
September 15, 1953

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF JULY, 1953

	Total
IN STORAGE JULY 1st:	
By Producers	225,162
By Transporters	403,797
By Refiners	244,954
TOTAL STORAGE	873,913
PRODUCED DURING MONTH	1,056,496
TOTAL	1,930,409
DISPOSITION:	
Refined in Montana	542,720
Shipped to Other States	424,955
Used for Fuel or Lost	(9,317)
TOTAL	958,358
IN STORAGE JULY 31st:	
By Producers	220,290
By Transporters	404,770
By Refiners	346,991
TOTAL STORAGE	972,051

WYOMING OIL IMPORTED

IN STORAGE JULY 1, 1953	347,007
JULY RECEIPTS, MONTANA REFINERIES	1,155,980
REFINED	1,203,379
IN STORAGE JULY 31, 1953	299,608

()Pipeline gain.

OPERATIONS
CONSOLIDATED REVIEW
JULY, 1953

Field	Production in Barrels July, 1953
Settled Fields	
Bears Den	253
Berthelote	None
Big Wall	15,413
Border	1,146
Bowes	94,003
Brady	213
Cat Creek	16,140
Clarks Fork	None
Cut Bank	229,519
Dry Creek	9,832
Elk Basin	162,115
Flat Coulee	291
Frannie	1,847
Gage	853
Kevin-Sunburst	110,724
Lake Basin	215
Melstone	11,061
Mosser	1,458
Pondera	62,117
Ragged Point	2,279
Rattle Snake Butte	1,225
Reagan	25,439
Soap Creek	3,514
TOTAL	749,657
Controlled Fields	
Cabin Creek	6,008
Glendive Area	72,297
Hardin Area	4,887
Little Beaver	8,898
Pine Unit Area	28,972
Poplar Area	85,167
Richey	24,310
Sidney	3,585
Southwest Richey	10,836
Sumatra	43,958
Whitlash	18,021
TOTAL	306,939
TOTAL STATE	1,056,596

PRODUCERS REPORT
Month of July, 1953

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used for Fuel or Lost	Storage End of Month
7	Big Wall	18	4,396	15,413		15,688		4,121
4	Border	8	None	1,146		1,146		None
9	Bowes	50	8,010	94,003	26,411	65,928		9,674
3	Brady	4	None	213		137	76	None
1	Cabin Creek	1	1,421	6,008		6,336		1,093
26	Cat Creek	82	4,020	16,140	10,480	4,223		5,457
	Clark's Fork	----	96	Shut-in				96
331	Cut Bank	1,103	111,257	229,519	231,410		252	109,114
5	Dry Creek	6	944	9,832	4,662	5,292		822
19	Elk Basin	57	10,274	162,115	164,440			7,949
2	Frannie	2	223	1,847	1,475			595
3	Gage	4	2,661	853	1,450			2,064
10	Glendive Area	16	8,146	72,297		72,670	223	7,550
1	Hardin Area	3	1,130	4,887		4,751		1,266
220	Kevin-Sunburst	1,414	17,564	110,724	109,380	2,410	324	16,174
1	Lake Basin	1	2,747	215		2,857		105
1	Little Beaver	3	1,385	8,898		9,507		776
3	Melstone	6	1,086	11,061		10,423		1,724
4	Mosser	6	None	1,458		1,458		None
1	Pine Unit Area	6	4,934	28,972		28,858	330	4,718
76	Pondera	305	9,342	62,117	61,986	135		9,338
11	Poplar Area	17	13,591	85,167	34,430	47,158	1,121	16,049
2	Ragged Point	3	1,450	2,279		1,998		1,731
1	Rattlesnake Butte	1	None	1,225		1,225		None
2	Reagan	30	2,757	25,439	25,199			2,997
5	Richey	10	6,502	24,310		25,114	714	4,984
1	Sidney Area	1	None	3,585		2,750		835
1	Southwest Richey	3	1,868	10,836		10,858	209	1,637
1	Soap Creek	4	1,688	3,514		3,740	44	1,418
8	Sumatra	16	6,036	43,958		42,807		7,187
9	Sweet Grass Hills	15	1,634	18,565		19,233	150	816
768		3,195	225,162	1,056,596	671,323	386,702	3,443	220,290

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year 1952	9,606,251	26,264	9,564,809	26,133
First Quarter 1953	2,667,615	29,640	2,648,403	29,427
Second Quarter 1953	2,914,308	32,025	2,883,551	31,687
July, 1953	1,056,596	34,083	1,055,725	34,055

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage #	Total Oil In Storage #
December 31, 1952	213,791	481,656	529,541	1,224,988
March 31, 1953	207,310	393,412	554,108	1,154,830
June 30, 1953	225,162	403,797	591,961	1,220,920
July 31, 1953	220,290	404,770	646,599	1,271,659

Includes Wyoming Oil

REFINERS REPORT BY FIELDS
Month of July, 1953

	Location of Plant in Montana	Storage First of Month	Oil Received	Losses	Oil Refined	Storage End of Month
BIG WALL						
Farmers Union Cent. Ex. Inc.	Laurel	1,496	15,578		14,982	2,092
BORDER—The Texas Co.	Sunburst	1,794	1,146		908	2,032
BRADY						
Phillips Petroleum Co.	Great Falls	None	137		137	None
CAT CREEK						
Carter Oil Co.	Billings	2,440				2,440
Continental Oil Co.	Billings		10,192		10,192	None
Farmers Union Cent. Ex. Inc.	Laurel	1,999	1,258		1,999	1,258
Jet Fuel Refinery	Mosby	6,828	3,920	195	3,960	6,593
		11,267	15,370	195	16,151	10,291
CUT BANK						
The Texas Co.	Sunburst	42,393	104,110		13,941	132,562
Union Oil Co. & Socony Vac.	Cut Bank	20,149	97,587	584	94,282	22,870
Big West Oil Co.	Kevin	None	11,752		11,752	None
		62,542	213,449	584	119,975	155,432
DRY CREEK						
Farmers Union Cent. Ex. Inc.	Laurel	None	12,846		12,846	None
ELK BASIN						
Carter Oil Co.	Billings	None	79,771		79,771	None
Continental Oil Co.	Billings	None	19,673		19,673	None
		None	99,444		99,444	None
GAGE						
Farmers Union Cent. Ex. Inc.	Laurel	None	720		720	None
GLENDIVE						
Farmers Union Cent. Ex. Inc.	Laurel	None	2,411		2,411	None
The Texas Co.	Sunburst	6,400				6,400
		6,400	2,411		2,411	6,400
KEVIN-SUNBURST						
Big West Oil Co.	Kevin	19,356	49,250		50,384	18,222
The Texas Co.	Sunburst	106,119	66,233		80,025	92,327
		125,475	115,483		130,409	110,549
LAKE BASIN						
Farmers Union Cent. Ex. Inc.	Laurel	None	2,823		2,823	None
MELSTONE						
Farmers Union Cent. Ex. Inc.	Laurel	1,496	10,796		10,723	1,569
MOSSER						
Farmers Union Cent. Ex. Inc.	Laurel	None	1,458		1,458	None
PINE UNIT AREA						
Farmers Union Cent. Ex. Inc.	Laurel	748			748	None
PONDERA						
Phillips Petroleum Co.	Great Falls	11,950	54,192		55,607	10,535
POPLAR—Modern Oil Co.		458	3,864		3,004	1,318
RAGGED POINT						
Farmers Union Cent. Ex. Inc.	Laurel	None	2,026		2,026	None
RATTLE SNAKE BUTTE						
Carter Oil Co.		None	1,225		1,225	None
REAGAN—Union Oil Co.	Cut Bank	None	25,199		25,199	None
SIDNEY AREA—Carter Oil Co.	Billings	None	994		994	None
SUMATRA						
Farmers Union Cent. Ex. Inc.	Laurel	2,992	43,474		38,619	7,847
SWEET GRASS HILLS						
Big West Oil Co.	Kevin	None	476		476	None
The Texas Co.	Sunburst	18,336	22,425		1,835	38,926
		18,336	22,901		2,311	38,926
TOTAL MONTANA OIL		244,954	645,536	779	542,720	346,991
OIL FROM WYOMING						
Carter Oil Co.	Billings	114,294	657,066		665,129	106,231
Continental Oil Co.	Billings	171,828	247,442		282,308	136,962
Farmers Union Cent. Ex. Inc.	Laurel	60,885	251,472		255,942	56,415
TOTAL WYOMING OIL		347,007	1,155,980		1,203,379	299,608
TOTAL MONT. & WYO. OIL		591,961	1,801,516	779	1,746,099	646,599

	Average Barrels Per Day			Percentage of Crude Refined	
	Montana	Wyoming	Total	Montana	Wyoming
Year 1952	19,425	32,499	51,924	37.4	62.6
July, 1952	21,122	37,589	58,711	36.0	64.0
July, 1953	17,507	38,919	56,426	31.1	68.9

TRANSPORTERS REPORT
Month of July, 1953

	Storage First of Month	Oil to Storage From Producer Pipeline	Oil to Storage From Producer Truck	Oil to Storage Connecting Carrier	Deductions & Losses	Oil Shipped to Montana	Oil Shipped to Other States	Connecting Carriers	Storage End of Month
BIG WALL—Trucks	1,764		15,688			15,578			1,874
BORDER—Trucks	None		1,146			1,146			None
BOWES—Northern Pump Co.	1,551	26,411			(19)		27,185		796
Trucks	None		65,928				65,928		None
	1,551	26,411	65,928		(19)		93,113		796
BRADY—Trucks	None		137			137			None
CAT CREEK									
Continental Pipe Line Co.	6,800	10,480			76	10,248			6,956
Trucks	None		4,223			4,223			
	6,800	10,480	4,223		76	14,471			6,956
CABIN CREEK—Trucks	None		6,336				6,336		None
CUT BANK									
Darling Gathering System	895	20,994				20,079			1,810
Phillips Petroleum Co.	31,383	56,489			(4,303)		23,345	16,916	51,914
Texas Pipeline Co.	113,137	52,443		67,357	211	95,756		6,765	130,205
Toronto Pipeline Co.	43,334	61,091			(6)			74,317	30,114
Union Oil Co.	128,378	40,590		30,641	914	97,587			101,108
	317,127	231,607		97,998	(3,184)	213,422	23,345	97,998	315,151
DRY CREEK—Ohio Oil Co.	9,023	4,662			(25)	7,549			6,161
Trucks	None		5,292			5,292			None
	9,023	4,662	5,292		(25)	12,841			6,161
ELK BASIN—Ohio Oil Co.	None	162,115				99,444	62,671		None
FRANNIE									
Continental Pipeline Co.	None	1,475					1,475		None
GAGE—Northern Pump Co.	807	1,450			(5)	720			1,542
GLENDIVE—Trucks	None		72,670				72,670		None
HARDIN AREA—Trucks	None		4,751				4,751		None
KEVIN-SUNBURST									
Big West Oil Co.	3,069	47,795				48,180			2,684
Homestake Oil & Gas Co.	750	3,810				4,560			None
Texas Pipeline Co.	16,021	59,255		2,482	594	61,262			15,902
Trucks	543		2,410					2,482	471
	20,383	110,860	2,410	2,482	594	114,002		2,482	19,057
MOSSER—Trucks	None		1,458			1,458			None
LAKE BASIN—Trucks	None		2,857			2,857			None
LITTLE BEAVER—Trucks	None		9,507				9,507		None
MELSTONE—Trucks	2,196		10,423			10,796			1,823
PINE UNIT AREA—Trucks	None		28,858				28,858		None
PONDERA									
Phillips Petroleum Co.	29,572	61,877			(5,954)	54,192			43,211
Trucks	None		135			135			None
	29,572	61,877	135		(5,954)	54,327			43,211
POPLAR AREA									
East Poplar Gathering System	10,227	34,792			(566)		37,467		8,118
Trucks	None		47,158			3,864	43,294		None
	10,227	34,792	47,158		(566)	3,864	80,761		8,118
RAGGED POINT—Trucks	None		1,998		(28)	2,026			None
RATTLE SNAKE BUTTE									
Trucks	None		1,225			1,225			None
REAGAN—Union Oil Co.	None	25,199				25,199			None
RICHEY—Trucks	None		25,114				25,114		None
SIDNEY AREA—Trucks	None		2,750			994	1,756		None
SOAP CREEK—Trucks	None		3,740				3,740		None
S. W. RICHEY—Trucks	None		10,858				10,858		None
SUMATRA—Trucks	748		42,807			43,474			81
SWEET GRASS HILLS									
Trucks	3,599		19,233		(69)	22,901			None
GRAND TOTAL	403,797	670,928	386,702	100,480	(9,180)	640,882	424,955	100,480	404,770

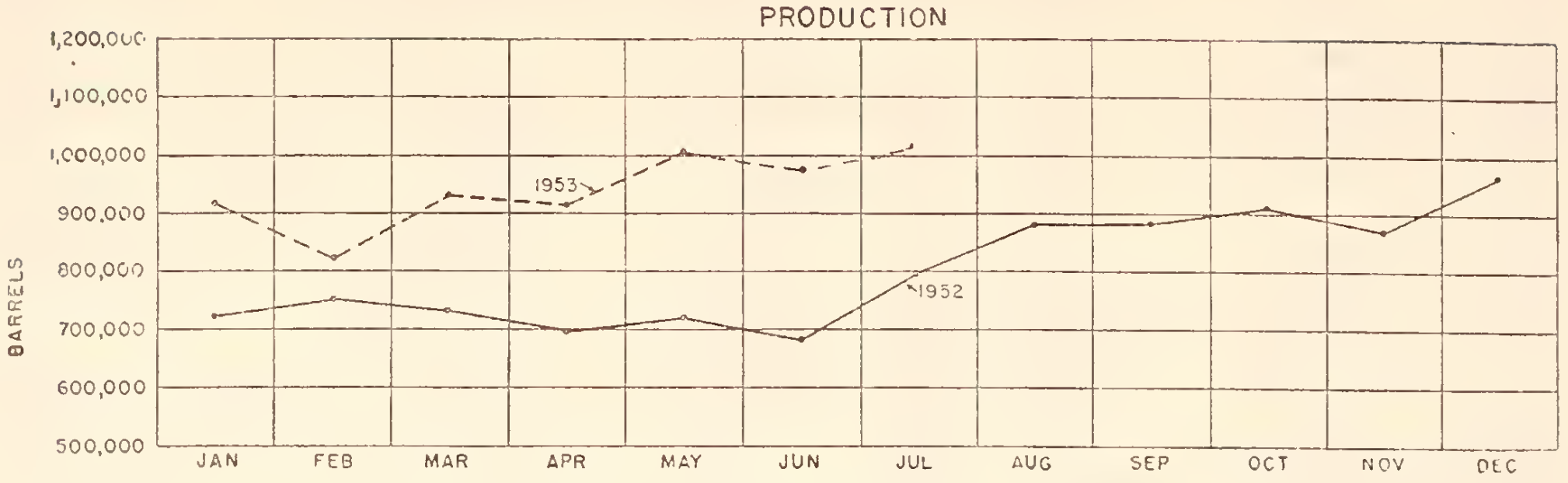
Oil Runs to Storage	Barrels
Pipeline	670,928
Truck	386,702
Total	1,057,630
Average Per Day	34,117

Average Per Day	Runs	Shipped to Other States
Year 1952	26,133	6,741
First Quarter 1953	29,453	8,806
Second Quarter 1953	31,745	11,621
July, 1953	34,117	13,708

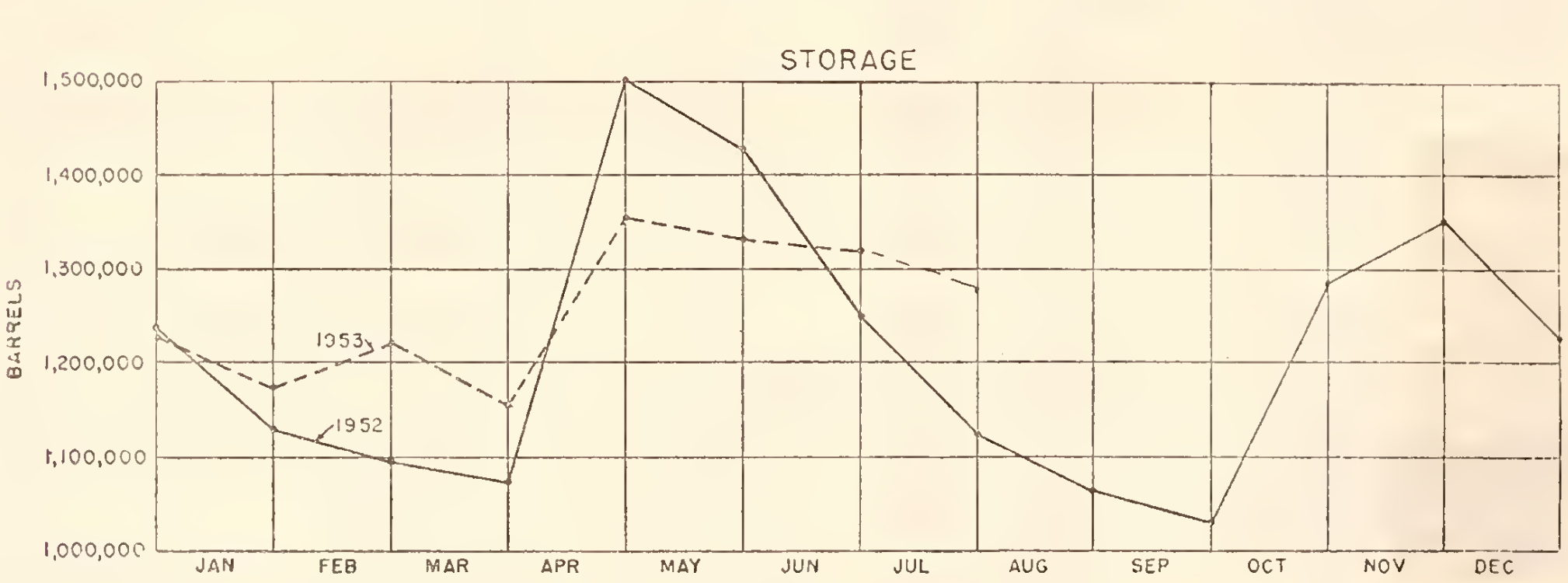
Storage	Barrels
Dec. 31, 1952	481,656
July 31, 1953	404,770
Decrease	76,886

GRAPHIC STATISTICS

PRODUCTION



STORAGE



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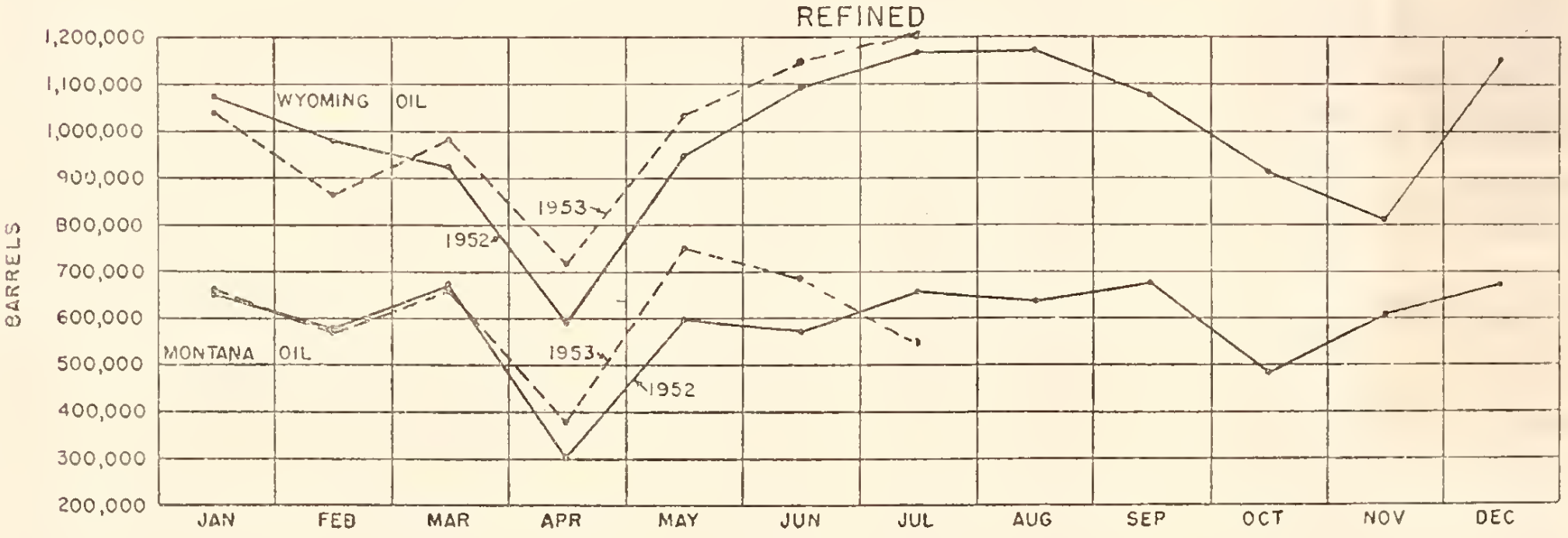

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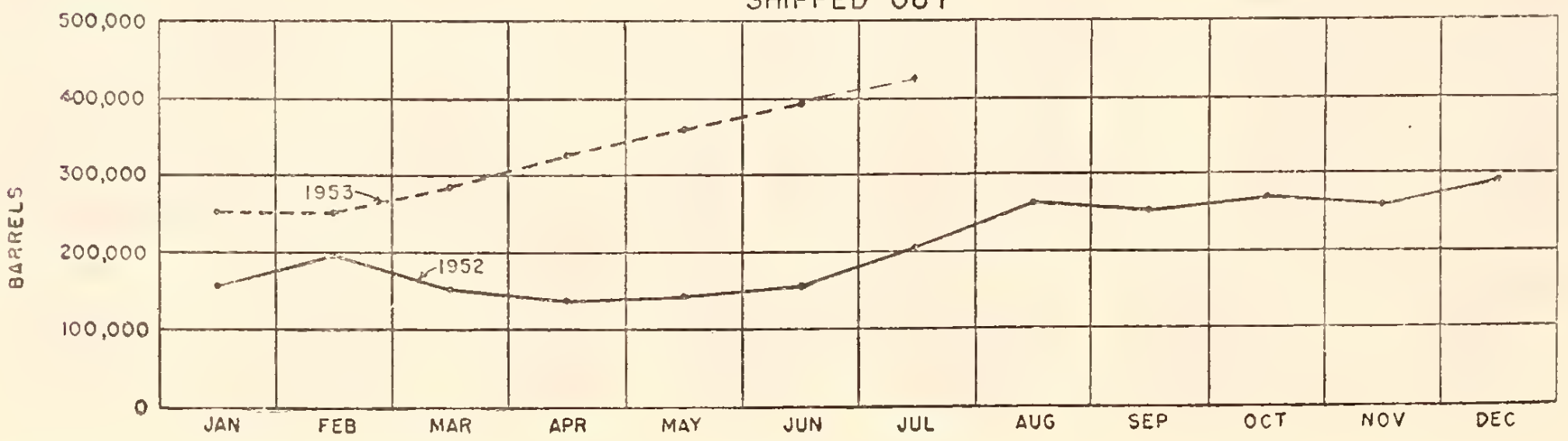

NATURAL GAS WITHDRAWALS IN MONTANA

Month of July, 1953

Field	M. C. F.
Bears Den	791
Bowdoin	117,648
Bowes	42,294
Box Elder	None
Cedar Creek	193,016*
Cut Bank (Includes Reagan)	765,344
Devon	17,617
Dry Creek	62,190
Hardin	2,797
Keith Block	6,413
Kevin-Sunburst	57,686
Utopia	2,946
Whitlash Area	44,882
TOTAL	1,313,624

Total withdrawals for July, 1952, were reported by Board of Railroad Commissioners as 1,086,832 M. C. F.

*Includes withdrawal of 65,676 M. C. F. of injected gas.